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CLAIMS:

What is claimed is:

1.   A method for tracking tasks in a logging system, the method comprising:

5   receiving, at log task manager, a request from an application program to assign a unique task identification to a related events identified by the application program;

         generating, at a log task manager, the unique task

10   identification;

         attaching the unique task identification to a transport mechanism that passes information between components;

         combining the task identification with logging

15   information generated by one of the components; and

         filtering a plurality of logging information entries based on the task identification to correlate logging information associated with the related events for presentation to a user.

20   2.   The method as recited in claim 1, wherein attaching the unique task identification to the transport mechanism comprises attaching the task identification to a local thread transport.

3.   The method as recited in claim 2, further

25   comprising:

         at the local thread transport, extending the inheritable thread local; and

         at the local thread transport, placing the task identification on a local thread.

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4.   The method as recited in claim 1, wherein the transport mechanism utilizes a remote proxy call.

5.   The method as recited in claim 1, wherein the transport mechanism utilizes port hardware.

5 6.   The method as recited in claim 1, wherein the transport mechanism utilizes a point to point protocol.

7.   The method as recited in claim 1, wherein the point to point protocol is a hypertext transfer protocol.

8.   The method as recited in claim 1, wherein the
10 transport mechanism utilizes a message context.

9.   The method as recited in claim 1, wherein the unique task identification is a first unique task identification, the related events are first related serial events and further comprising:
15   receiving, at the log task manager, a request from the application program for a second unique task identification assigned to second related serial events identified by the application program; and
        attaching the second unique task identification to
20 the transport mechanism.

10.   The method as recited in claim 1, further comprising:
        mapping a taskID to a corresponding action; and
        presenting logging information to a user based on
25 the corresponding action.

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11. A computer program product in a computer readable
media for use in a data processing system for tracking
tasks in a logging system, the computer program product
comprising:

5   first instructions for receiving, at log task
manager, a request from an application program to assign
a unique task identification to a related events
identified by the application program;

   second instructions for generating, at a log task
10 manager, the unique task identification;

   third instructions for attaching the unique task
identification to a transport mechanism that passes
information between components;

   fourth instructions for combining the task
15 identification with logging information generated by one
of the components; and

   fifth instructions for filtering a plurality of
logging information entries based on the task
identification to correlate logging information
20 associated with the related events for presentation to a
user.

12. The computer program product as recited in claim 11,
wherein attaching the unique task identification to the
transport mechanism comprises attaching the task
25 identification to a local thread transport.

13. The computer program product as recited in claim 12,
further comprising:

   sixth instructions, at the local thread transport,
for extending the inheritable thread local; and

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seventh instruction, at the local thread transport, for placing the task identification on a local thread.

14. The computer program product as recited in claim 11, wherein the transport mechanism utilizes a remote proxy call.

15. The computer program product as recited in claim 11, wherein the transport mechanism utilizes port hardware.

16. The computer program product as recited in claim 11, wherein the transport mechanism utilizes a point to point protocol.

17. The computer program product as recited in claim 11, wherein the point to point protocol is a hypertext transfer protocol.

18. The computer program product as recited in claim 11, wherein the transport mechanism utilizes a message context.

19. The computer program product as recited in claim 11, wherein the unique task identification is a first unique task identification, the related events are first related serial events and further comprising:

sixth instructions for receiving, at the log task manager, a request from the application program for a second unique task identification assigned to second related serial events identified by the application program; and

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seventh instructions for attaching the second unique task identification to the transport mechanism.

20.   The computer program product as recited in claim 11, further comprising:

5   sixth instructions for mapping a taskID to a corresponding action; and

seventh instructions for presenting logging information to a user based on the corresponding action.

21.   A system for tracking tasks in a logging system, the

10   computer program product comprising:

a logging manager which receives request from an application program to assign a unique task identification to a related events identified by the application program;

15   a unique taskID generator which generates the unique task identification;

a task transport unit which attaches the unique task identification to a transport mechanism that passes information between components;

20   a logger which combines the task identification with logging information generated by one of the components; and

a filter which filters a plurality of logging information entries based on the task identification to

25   correlate logging information associated with the related events for presentation to a user.

22.   The computer program product as recited in claim 11, further comprising:

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a mapper which maps a taskID to a corresponding
action; and

a presentation unit which presents logging
information to a user based on the corresponding action.